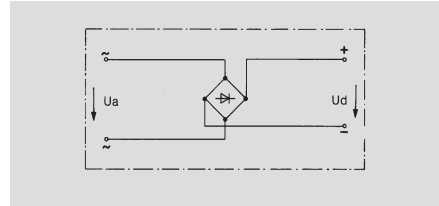


Function components

C

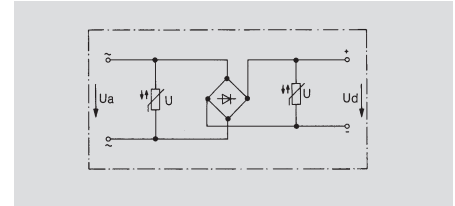
EGD 1

Rectifier circuit



EGD 2

Rectifier circuit with varistor protection circuit



Technical data

Nominal data

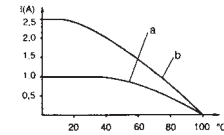
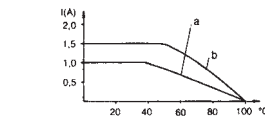
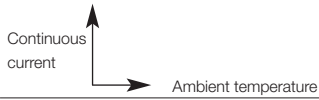
Input voltage
Rated current

5 V~ ... 240 V~, 50 ... 60 Hz
1 A

5 V~ ... 240 V~, 50 ... 60 Hz
1 A

Derating curve

a = fitted without spacing on mounting rail
b = fitted at 20 mm spacing on mounting rail



Max. downstream load capacitor

200 µF

500 µF

Current load max.

1.5A (see derating curve)

2.5 A (see derating curve)

Surge current limit value

40 A (10 ms)

10 A (10 ms)

Conducting-state voltage

≤ 2 V

≤ 2.2 V

Output voltage

$U_d = 0,9 \times U_a$

$U_d = 0,9 \times U_a$

Storage temperature

-45 °C ... +100 °C

-45 °C ... +100 °C

Ambient temperature

- fitted without spacing on mounting rail

-30 °C ... +40 °C

-30 °C ... +40 °C

- fitted at 20 mm spacing on mounting rail

-30 °C ... +70 °C

-30 °C ... +70 °C

Insulation coordination as per EN 50178

Surge category

II

II

Pollution severity

2

2

Ordering data

Type	Qty	Order No.
EGD 1	10	0546160000

Type	Qty	Order No.
EGD 2	10	0546260000